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Director

DEPARTMENT OF HEALTH
DIVISION OF ENVIRONMENTAL HEALTH

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(801) 538-6121

M/035/009

CERTIFIED MAIL

(Return Receipt Requested)

November 5, 1990

Mr. R.J. Ramsey
Barney Canyon Mine
Kennecott Corporation
P.O. Box 311
Bingham Canyon, Utah 84006-0311

RE: Ground Water Discharge Permit
Barney Canyon Leach Facilities

Dear Mr. Ramsey:

The Utah Bureau of Water Pollution Control (BWPC) adopted regulations in August 1989 to protect the State's ground water resources from degradation. The regulations required the filing of a ground water notification form for existing facilities which may discharge to ground water. A ground water discharge permit is required for facilities that may discharge to ground water, not under construction prior to February 10, 1990. Existing facilities may later be required to apply for permits as they are so notified by the Executive Secretary.

According to our records, your company has one large operating heap leach pad and a second pad that has been under construction since the fall of 1989. We issued the construction permit on March 24, 1989 for these facilities. The pads are located west of Salt Lake City, in the major ground water recharge area for the valley. Two additional pads are proposed to be completed in 1992. Although we are not requiring Kennecott to apply for a ground water discharge permit for the operating leach facility, or for the pad under construction at this time, your company has other heap leach pads planned to be completed in 1992. In accordance with the provisions of UAC R448-6-6.1A these facilities will be required to obtain a permit. It may be advisable to begin the ground water permit process in the near future for the new pads as a permit is required before construction begins. Because of the location and nature of your facilities, we believe it would be advisable to permit the existing facilities at the time we issue a ground water permit for your new pads.

Mr. R.J. Ramsey
November 5, 1990
Page 2

The application for a ground water discharge permit will be reviewed for completeness when the application is received. Most of the technical data needed in the application for the permit, such as water level maps, water analyses, well data, etc., are already available in past reports provided by Kennecott. This technical information will not need to be resubmitted if it is still available.

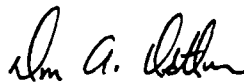
The company has already installed several monitoring wells. Kennecott should continue to monitor and collect water samples from these existing wells as done in the past.

There is a 30 day public comment period for ground water discharge permits and time is required for review. A permit fee of \$9000 will be charged for the new pads and will cover the existing facilities as well.

← any commission involved here?

It may be advisable to discuss the permitting procedures in the near future. Please call Mack Croft or Lyle Stott at 538-6146 if you have any questions regarding the ground water discharge permit application or the construction permit application. Thank you for your cooperation in this matter.

Sincerely,



Don A. Ostler, P.E., Director
Bureau of Water Pollution Control

cc: Division of Oil, Gas & Mining
Kent Miner
Salt Lake City/County Health Dept.
Kent Grey, Bureau of Emergency Response & Remediation

MC:kc
Q:ramsey,ltr